UNION CARBIDE CORPORATION
Silicones & Urethane Intermediates — Sistersville, WV

August 20, 1980

MEMORANDUM TO: D. G. Moshier

COPIES TO: A. W. Boyd
D. N. Verner

SUBJECT: Buried Waste Sites I and II

Attached is a copy of the latest set of recommendations from the South Charleston Health/Environmental Engineering Department regarding Buried Waste Sites I and II here at Sistersville.

In general I agree with the interpretations and the recommendations presented, and I believe that we should follow through with the analytical work suggested.

Because it has already been concluded that neither site poses an imminent health hazard, there is no need for immediate action. I propose that we carry out only that part of the work which can be done in-house, and postpone the costly priority pollutant type analyses until 1981. It was my intent early on that we observe these test sites over a rather longer period of time than just one year so that postponing final closure of the Site I area until these last test results are in hand is quite acceptable to me.

C. F. Schubert

CFS/jec

Attachment

MPM0002319

EPA003610

Note NEM 1-5-81

UNION CARBIDE INTERNAL CORRESPONDENCE

CHEMICALS AND PLASTICS • P. O. BOX 8361, SOUTH CHARLESTON, WEST VIRGINIA 25303

To (Name) C. F. Schubert
Division
Location

Date December 19, 1980

Originating Dept. Health/Environmental Engineering

Copy to J. C. Hovious/A. H. Cheely
J. K. Petros
D. Verner

Subject Buried Waste Area
Site II Soil Analyses

Dear Clem:

Thank you for sending me the results of the soil analyses. In general, I agree with your conclusions. The buried waste should not create an environmental problem; but, I agree that continued ground water sampling/analysis is warranted.

I have discussed the specific results with Jim Petros and he has raised the following questions:

1. On the TOC test, how was it performed? Were the samples agitated? If so, for how long and how vigorously?

2. Are the parameters on a dry weight or wet weight basis? If they were measured on a wet weight basis, was the Total Solids, (TS), found for the samples?

The answers to these questions will likely not change the conclusions. However, I would like to reference this information in my files.

Jim suggested two other analyses which could be done on the samples if further soils investigation were desired. R & D has a method to combust a soil sample, measure Carbon Dioxide ($CO_2$) evolved, and determine the Total Organic Content in the soil. I know very little about this method, feel free to call Jim directly. There is also a Chemical Oxygen Demand (COD) analysis for soil that is very much like the water COD analysis. Either or both of these analyses would be used as part of any future investigation.

Sincerely,

Dick

D. T. Marsh

DTM:csn

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